Soru 1:

```javascript
// Your code here.
function range(a,b,direction=1) {
   result = [];
   if(direction == 1){
      for(let x=a; x<=b;x++){
         result.push(x);
      }
   }else if(direction == -1){
      for(let x=a; x>=b;x--){
         result.push(x);
      }
   }
   return result;
}
function sum(array) {
   let s = 0;
   for(let x=0; x<array.length;x++){
      s += array[x];
   }
   return s;
}
console.log(range(1, 10));
// → [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
console.log(range(5, 2, -1));
// → [5, 4, 3, 2]
console.log(sum(range(1, 10)));
// → 55
```

```
[1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
[5, 4, 3, 2]
55
```

Soru 2:

```
1  // Run code here in the context of Chapter 4
2  let toplam = 0;
3  for (let event of journalEvents(JOURNAL)) {
4      let counter = 0;
5      for (let x of JOURNAL){
6          if(event == x['events'][0]){
7              counter += 1;
8          }
9      }
10     let correlation = phi(tableFor(event, JOURNAL));
11     console.log(event + ":", correlation.toFixed(4)+"  "+counter);
12     toplam +=counter;
13 }
14
15   console.log(toplam)
16
17 // → brushed teeth: -0.3805211953
18 // → work:          -0.1371988681
19 // → reading:        0.1106828054
20
```

```
brushed teeth: -0.3805  6
touched tree: -0.0808  0
nachos: -0.0704  0
cycling: -0.0808  0
brussel sprouts: -0.0523  4
ice cream: -0.0808  0
computer: 0.0686  0
potatoes: -0.0857  10
candy: 0.1296  1
dentist: -0.0366  0
running: -0.0905  0
pizza: 0.0686  10
work: -0.1372  0
beer: -0.0523  0
cauliflower: -0.0808  9
lasagna: 0.0808  9
lettuce: -0.0704  7
television: -0.0808  0
spaghetti: 0.2425  9
reading: 0.1107  0
peanuts: 0.5903  1
90
```